

ABSTRACT

The invention is an air-inflatable multi-wall multi-cell spheroidal-shell life raft that forms a shelter for occupants and that includes removable window covers to allow cross ventilation when desired and that is constructed of one or more air-or-gas-inflatable cells and/or air-or-gas-inflatable panels and contains an internal water-inflatable ballast tank located below an air-or-gas-inflated multi-cell floor cushion centered in the lowest point of the spheroidal shell thus providing the tank with the lowest center of gravity available within the shell. Key features new to the art are the inflatable spheroidal shape of the shell that forms the shelter enclosure, the water-inflatable internal ballast tank and the relationship of the shell to the ballast tank that insures that the raft will not capsize when occupants and their belongings are equally distributed within the raft.